

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

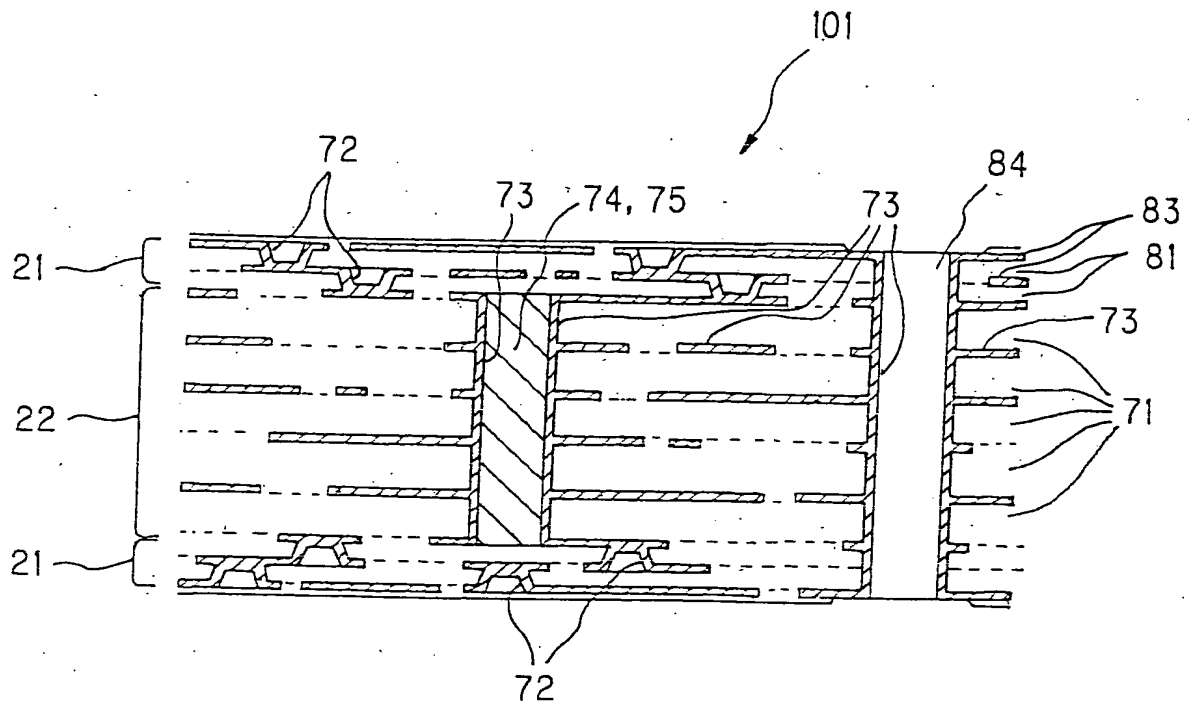
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

1 / 1 4

FIG. 1



2 / 1 4

FIG. 2 (a)

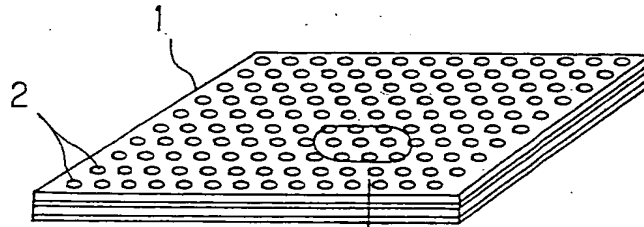
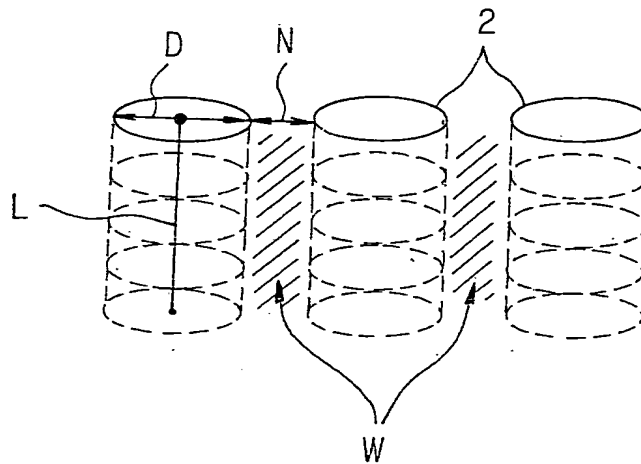


FIG. 2 (b)



3 / 14

FIG. 3 (b) - Prior Art

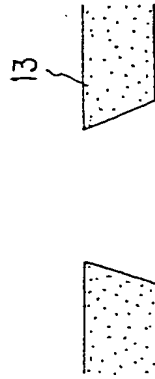
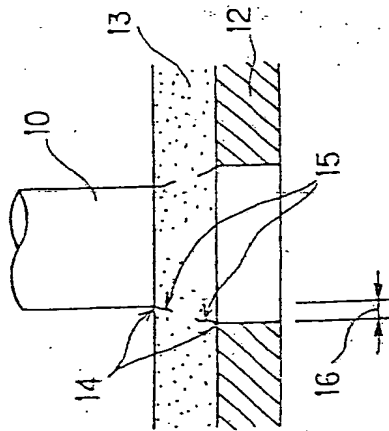


FIG. 3 (a) - Prior Art



4 / 14

FIG. 4 (b)

- Prior Art

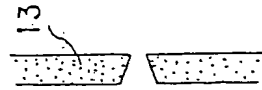
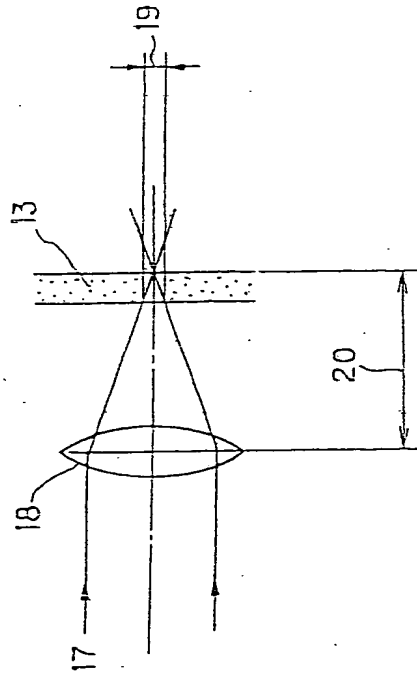


FIG. 4 (a) - Prior Art



5 / 1 4

FIG. 5 (a)

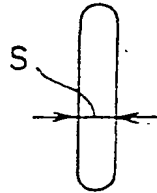


FIG. 5 (b)

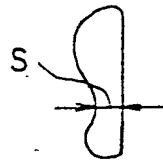
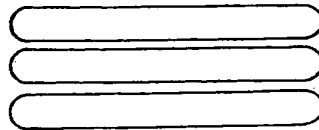
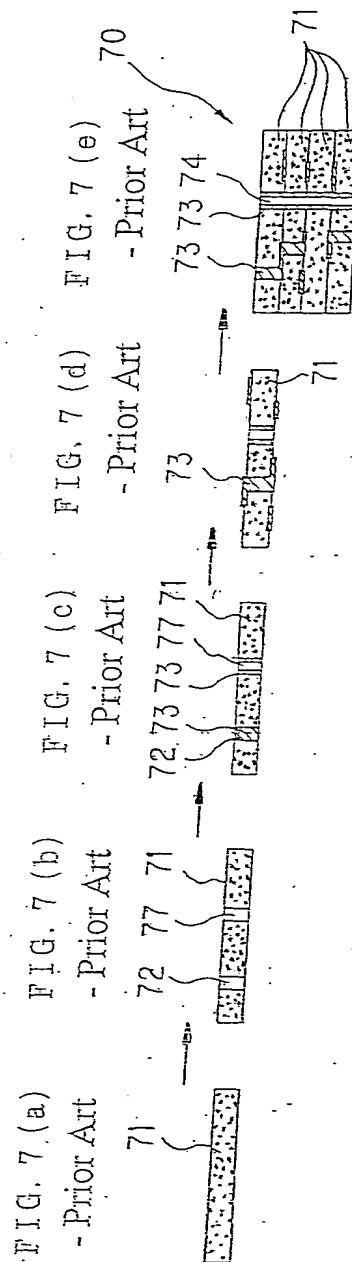


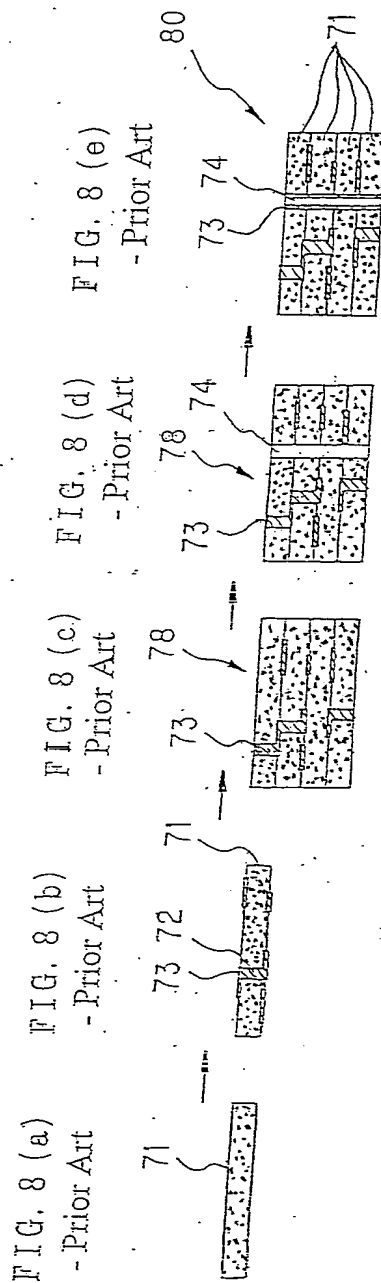
FIG. 6



6 / 14



7 / 14



8 / 1 4

FIG. 9 (a)

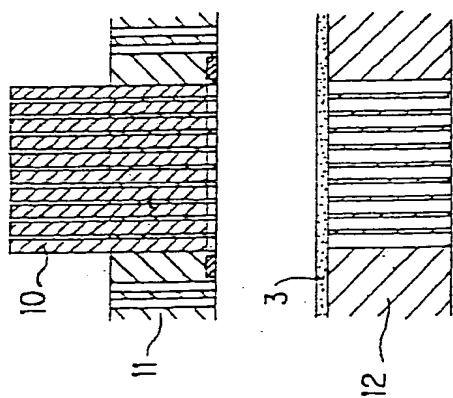


FIG. 9 (b)

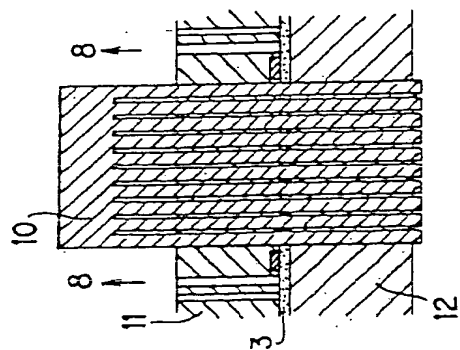


FIG. 9 (c)

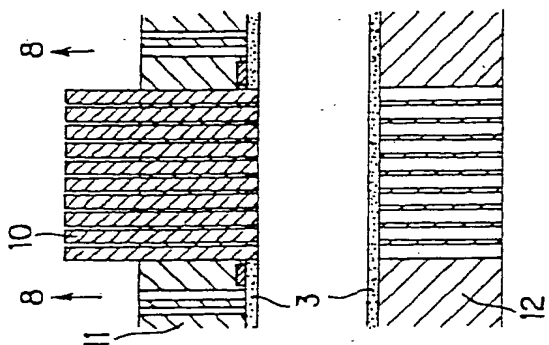


FIG. 9 (d)

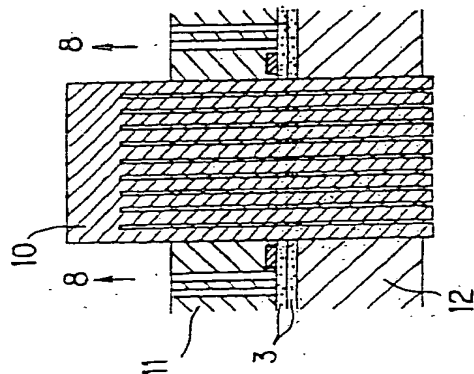
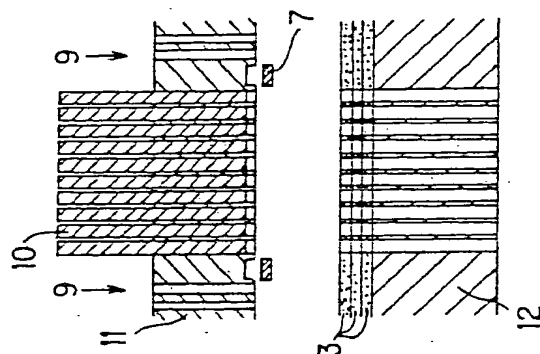
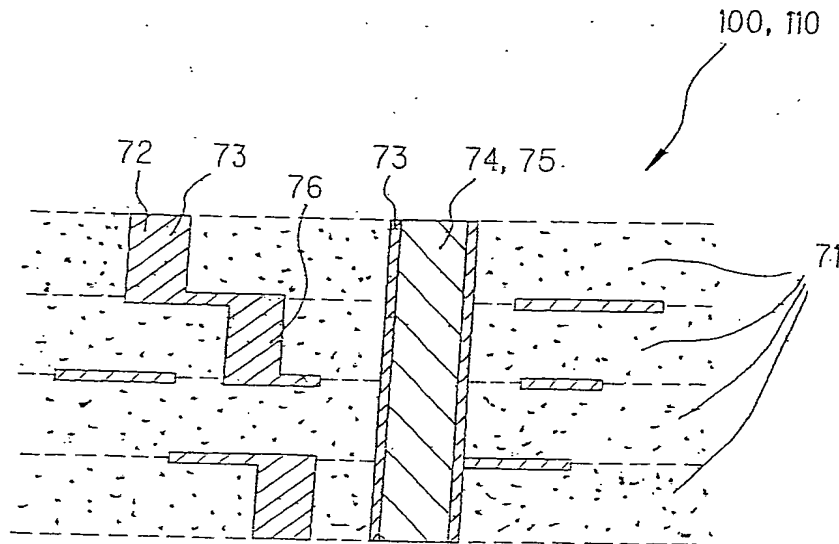


FIG. 9 (e)

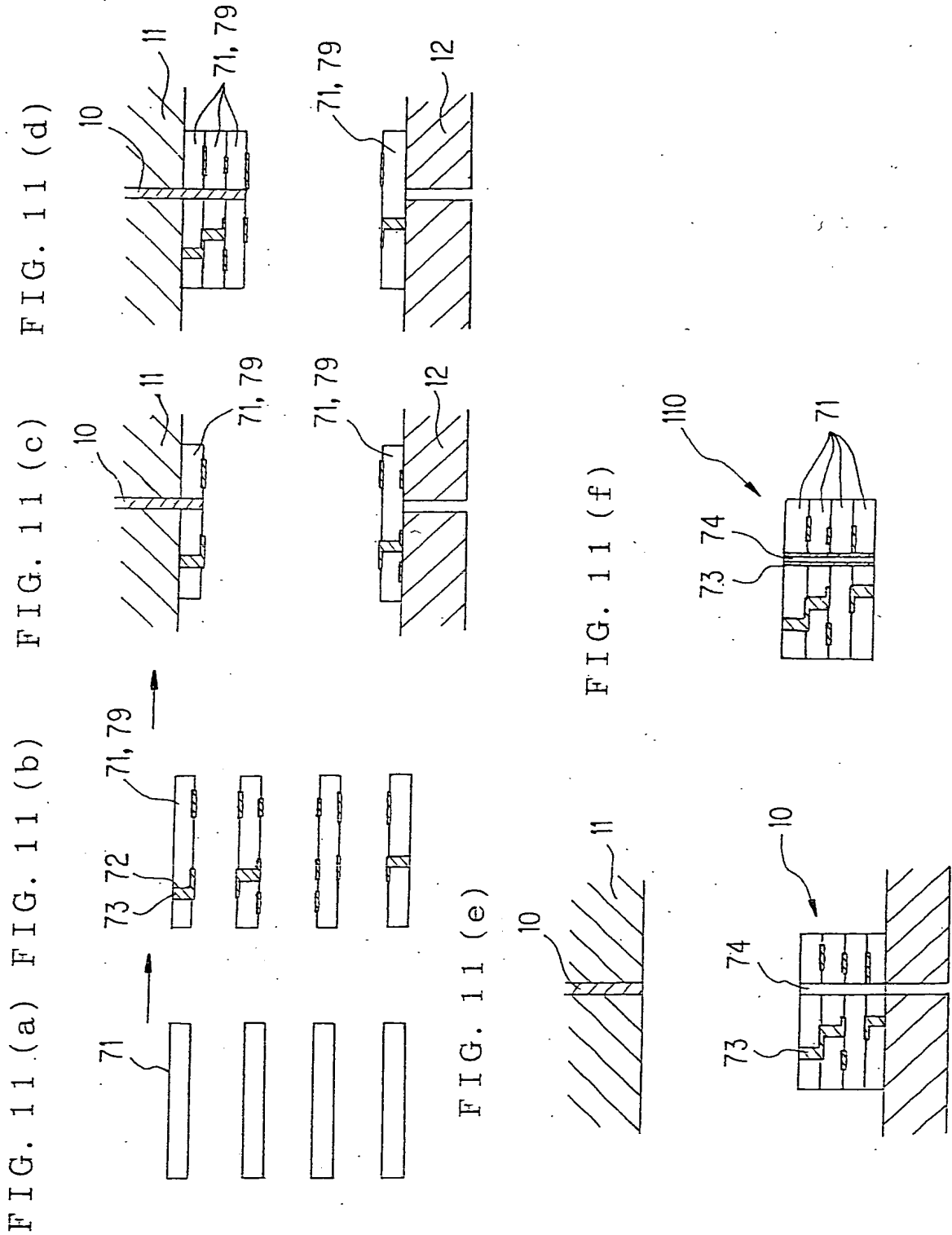


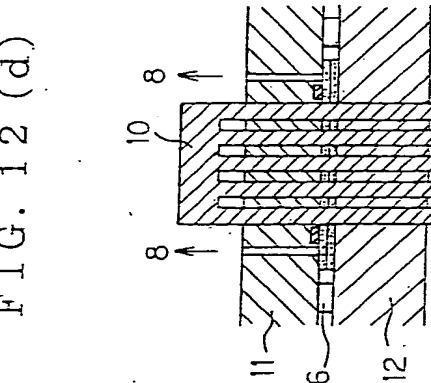
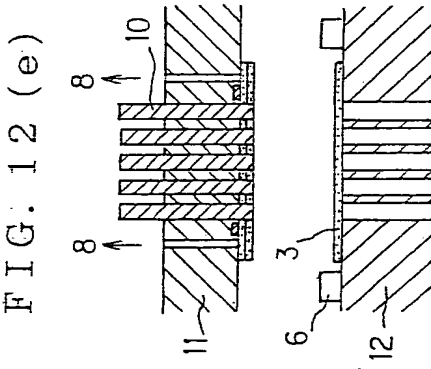
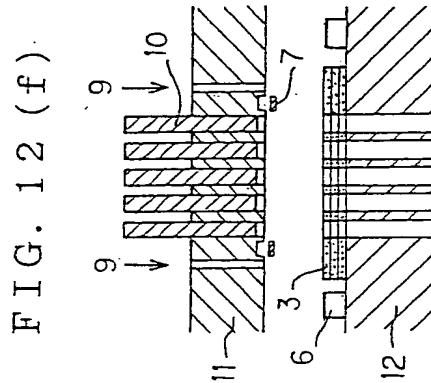
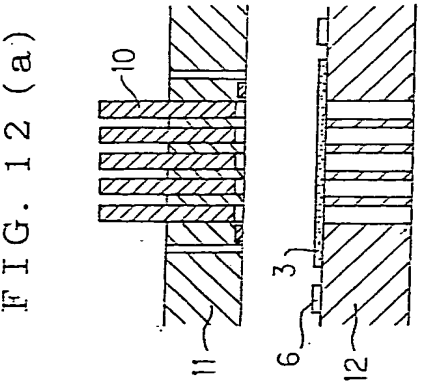
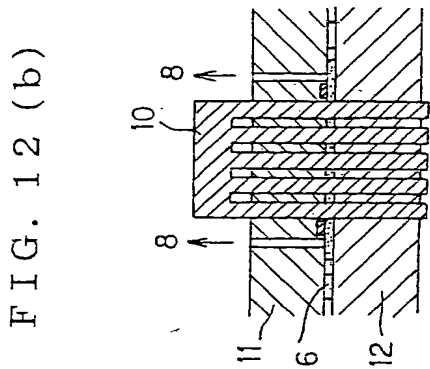
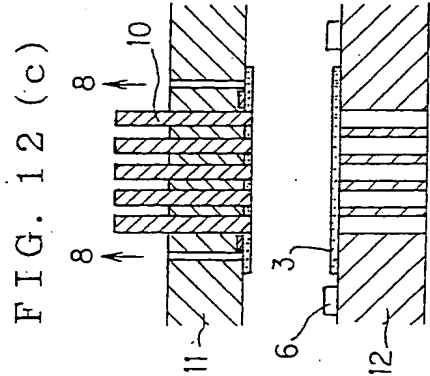
9 / 14

FIG. 10 - Prior Art



10 / 14





12/14

FIG. 13 (a)

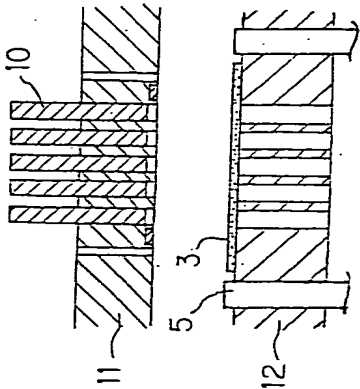


FIG. 13 (b)

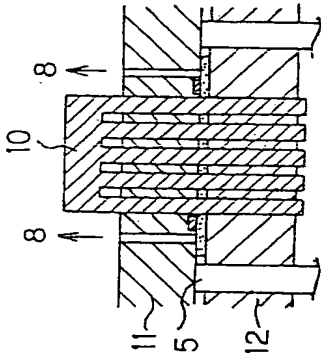


FIG. 13 (d)

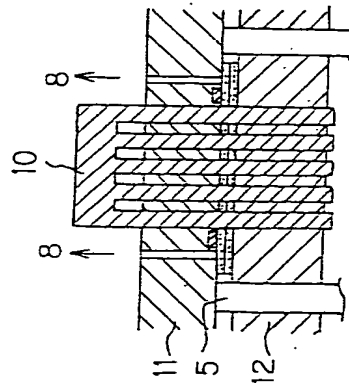


FIG. 13 (e)

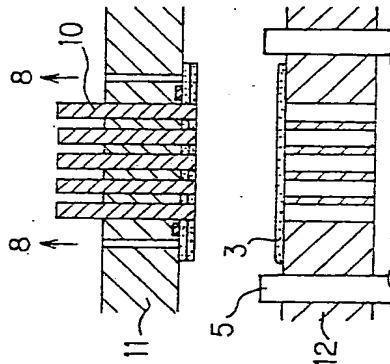


FIG. 13 (f)

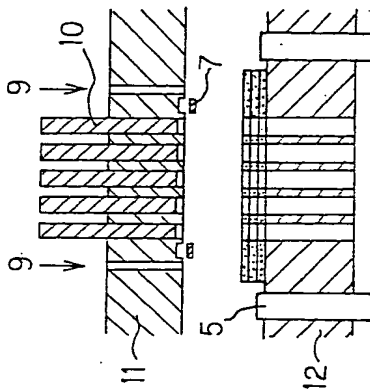
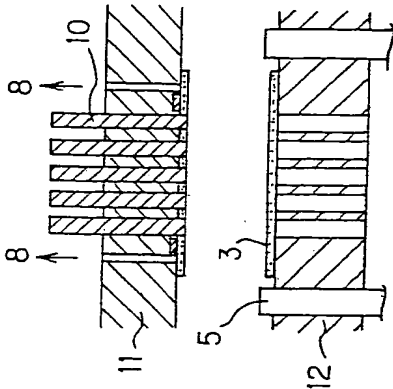


FIG. 13 (c)



13 / 14

FIG. 14 (a)

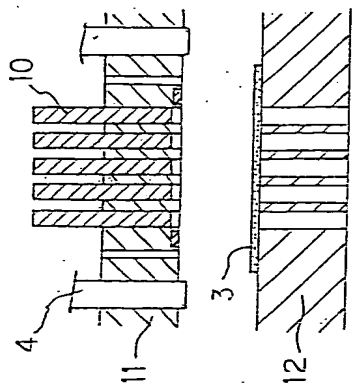


FIG. 14 (b)

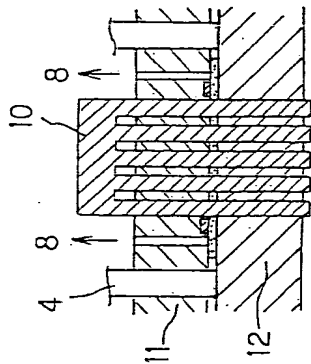


FIG. 14 (c)

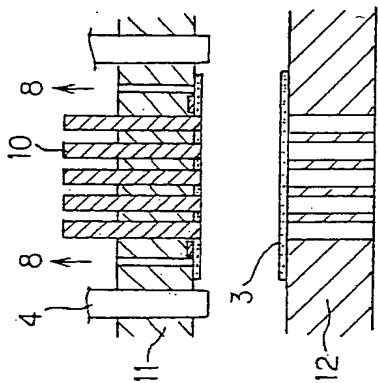


FIG. 14 (d)

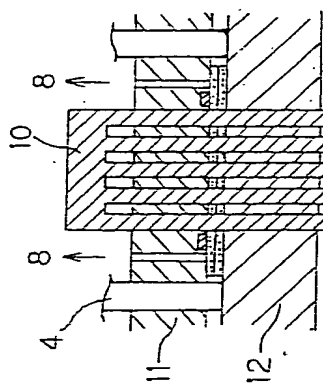


FIG. 14 (e)

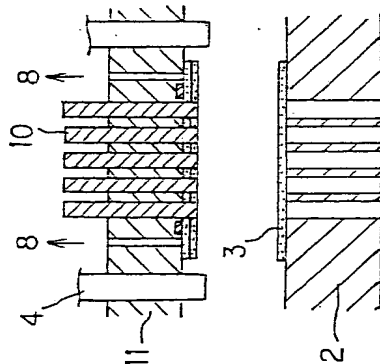
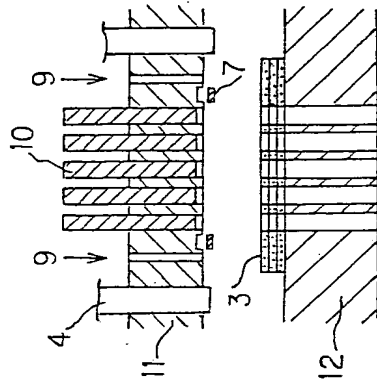


FIG. 14 (f)



1 4 / 1 4

FIG. 15

